



November 18, 2005

3670.02

Humboldt County Department of Health and Human Services
Division of Environmental Health
100 H Street, Suite 100
Eureka, California 95501

Attention: Mr. Mark Verhey

Subject: Monitoring Well Destruction
Henderson Center Cab Corporation (City Ambulance)
135 West 7th Street, Eureka, California
LOP No. 12382

Dear Mr. Verhey:

LACO ASSOCIATES (LACO) used the pressure-grouting method with neat cement to close monitoring wells MW1, MW3, MW4, and MW5 on October 6, 2005.

The pressure-grouting method uses a pump to move sealing materials into the monitoring well to be abandoned. The purpose is to seal off the bore hole sand pack to prevent the movement of fluids across aquitards and/or infiltration of surface water into the subsurface. The sealing material consisted of water and cement, mixed as a slurry of no more than 6 gallons of water per 94 pound bag of cement. The slurry was pumped until a minimum of 25 pounds per square inch (psi) was reached and held for at least 5 minutes. Each well box and approximately 2 feet of riser were removed. Each well box area was replaced with asphalt to surface grade. The pressures reached on each monitoring well were:

- MW1 - pressure up to 40 psi for 5 minutes; ending pressure at 38 psi
- MW3 - pressure up to 50 psi for 5 minutes; ending pressure at 40 psi
- MW4 - pressure up to 40 psi for 5 minutes; ending pressure at 36 psi
- MW5 - pressure up to 55 psi for 5 minutes; ending pressure at 50 psi

Please call if you have any questions or require additional information.

Sincerely,
LACO ASSOCIATES

Caroline Levenda
Staff Geologist

CJL:cs

cc: Fred Sundquist

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